

Exam Questions 202-450

LPIC-2 Exam 202 Part 2 of 2 version 4.5

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NEW QUESTION 1

On a Linux router, packet forwarding for IPv4 has been enabled. After a reboot, the machine no longer forwards IP packets from other hosts. The command: `echo 1 > /proc/sys/net/ipv4/ip_forward` temporarily resolves this issue.

Which one of the following options is the best way to ensure this setting is saved across system restarts?

- A. Add `echo 1 > /proc/sys/net/ipv4/ip_forward` to the root user login script
- B. Add `echo 1 > /proc/sys/net/ipv4/ip_forward` to any user login script
- C. In `/etc/sysctl.conf` change `net.ipv4.ip_forward` to 1
- D. In `/etc/rc.local` add `net.ipv4.ip_forward = 1`
- E. In `/etc/sysconfig/iptables-config` add `ipv4.ip_forward = 1`

Answer: C

NEW QUESTION 2

Which of the following lines in the `sshd` configuration file should, if present, be changed in order to increase the security of the server? (Choose two.)

- A. `Protocol 2, 1`
- B. `PermitEmptyPasswords no`
- C. `Port 22`
- D. `PermitRootLogin yes`
- E. `IgnoreRhosts yes`

Answer: AD

NEW QUESTION 3

Which of the following `nmap` parameters scans a target for open TCP ports? (Choose two.)

- A. `-sO`
- B. `-sZ`
- C. `-sT`
- D. `-sU`
- E. `-sS`

Answer: CE

NEW QUESTION 4

Which Linux user is used by `vsftpd` to perform file system operations for anonymous FTP users?

- A. The Linux user which runs the `vsftpd` process
- B. The Linux user that owns the root FTP directory served by `vsftpd`
- C. The Linux user with the same user name that was used to anonymously log into the FTP server
- D. The Linux user `root`, but `vsftpd` grants access to anonymous users only to globally read-/writeable files
- E. The Linux user specified in the configuration option `ftp_username`

Answer: E

NEW QUESTION 5

CORRECT TEXT

What command creates a SSH key pair? (Specify ONLY the command without any path or parameters)

- A. `Mastered`
- B. `Not Mastered`

Answer: A

Explanation:

`ssh-keygen`

NEW QUESTION 6

The content of which local file has to be transmitted to a remote SSH server in order to be able to log into the remote server using SSH keys?

- A. `~/.ssh/authorized_keys`
- B. `~/.ssh/config`
- C. `~/.ssh/id_rsa.pub`
- D. `~/.ssh/id_rsa`
- E. `~/.ssh/known_hosts`

Answer: A

NEW QUESTION 7

The program `vsftpd`, running in a `chroot` jail, gives the following error:

```
/bin/vsftpd: error while loading shared libraries: libc.so.6:
cannot open shared object file: No such file or directory.
```

Which of the following actions would fix the error?

- A. The file /etc/ld.so.conf in the root filesystem must contain the path to the appropriate lib directory in the chroot jail
- B. Create a symbolic link that points to the required library outside the chroot jail
- C. Copy the required library to the appropriate lib directory in the chroot jail
- D. Run the program using the command chroot and the option --static_libs

Answer: C

NEW QUESTION 8

Which of the following Samba configuration parameters is functionally identical to the parameter read only=yes?

- A. browseable=no
- B. read write=no
- C. writeable=no
- D. write only=no
- E. write access=no

Answer: C

NEW QUESTION 9

Which of the following statements is true regarding the NFSv4 pseudo file system on the NFS server?

- A. It must be called /exports
- B. It usually contains bind mounts of the directory trees to be exported
- C. It must be a dedicated partition on the server
- D. It is defined in the option Nfsv4-Root in /etc/pathmapd.conf
- E. It usually contains symlinks to the directory trees to be exported

Answer: B

NEW QUESTION 10

Which command is used to configure which file systems a NFS server makes available to clients?

- A. exportfs
- B. mkfs.nfs
- C. mount
- D. nfsservct1
- E. telinit

Answer: A

NEW QUESTION 10

What option for BIND is required in the global options to disable recursive queries on the DNS server by default?

- A. allow-recursive-query (none;);
- B. allow-recursive-query off;
- C. recursion { disabled; };
- D. recursion { none; };
- E. recursion no;

Answer: E

NEW QUESTION 13

What word is missing from the following excerpt of a named.conf file?

```
_____ friends {  
    10.10.0.0/24; 192.168.1.0/24;  
};  
options {  
    allow-query { friends; };  
};
```

- A. networks
- B. net
- C. list

- D. acl
- E. group

Answer: D

NEW QUESTION 17

Which BIND option should be used to limit the IP addresses from which slave name servers may connect?

- A. allow-zone-transfer
- B. allow-transfer
- C. allow-secondary
- D. allow-slaves
- E. allow-queries

Answer: B

NEW QUESTION 20

Which Apache HTTPD directive enables HTTPS protocol support?

- A. HTTPSEngine on
- B. SSLEngine on
- C. SSLEnable on
- D. HTTPSEnable on
- E. StartTLS on

Answer: B

NEW QUESTION 25

Which statements about the Alias and Redirect directives in Apache HTTPD's configuration file are true? (Choose two.)

- A. Alias can only reference files under DocumentRoot
- B. Redirect works with regular expressions
- C. Redirect is handled on the client side
- D. Alias is handled on the server side
- E. Alias is not a valid configuration directive

Answer: CD

NEW QUESTION 30

When trying to reverse proxy a web server through Nginx, what keyword is missing from the following configuration sample?

```
location / {  
    _____ http://proxiedserver:8080;  
}
```

- A. remote_proxy
- B. reverse_proxy
- C. proxy_reverse
- D. proxy_pass
- E. forward_to

Answer: D

NEW QUESTION 35

A host, called lpi, with the MAC address 08:00:2b:4c:59:23 should always be given the IP address of 192.168.1.2 by a DHCP server running ISC DHCPD. Which of the following configurations will achieve this?

A

```
host lpi {
    hardware-ethernet 08:00:2b:4c:59:23;
    fixed-address 192.168.1.2;
}
```

B

```
host lpi {
    mac=08:00:2b:4c:59:23;
    ip=192.168.1.2;
}
```

C

```
host lpi = 08:00:2b:4c:59:23 192.168.1.2
```

D

```
host lpi {
    hardware ethernet 08:00:2b:4c:59:23;
    fixed-address 192.168.1.2;
}
```

E

```
host lpi {
    hardware-address 08:00:2b:4c:59:23;
    fixed-ip 192.168.1.2;
}
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D
- E. Option E

Answer: D

NEW QUESTION 37

How is the LDAP administrator account configured when the rootdn and rootpw directives are not present in the slapd.conf file?

- A. The default account admin with the password admin are used
- B. The account is defined by an ACL in slapd.conf
- C. The default account admin is used without a password
- D. The account is defined in the file /etc/ldap.secret
- E. The account is defined in the file /etc/ldap.root.conf

Answer: B

NEW QUESTION 41

Which of the following PAM modules allows the system administrator to use an arbitrary file containing a list of user and group names with restrictions on the system resources available to them?

- A. pam_filter
- B. pam_limits
- C. pam_listfile
- D. pam_unix

Answer: B

NEW QUESTION 42

CORRECT TEXT

Which OpenLDAP client command can be used to change the password for an LDAP entry? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

ldappasswd

NEW QUESTION 43

CORRECT TEXT

What command displays NFC kernel statistics? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

nfsstat

NEW QUESTION 46

Which of the following statements are true regarding Server Name Indication (SNI)? (Choose two.)

- A. It supports transparent failover of TLS sessions from one web server to another.
- B. It allows multiple SSL/TLS secured virtual HTTP hosts to coexist on the same IP address.
- C. It enables HTTP servers to update the DNS of their virtual hosts' names using the X 509 certificates of the virtual hosts.
- D. It provides a list of available virtual hosts to the client during the TLS handshake.
- E. It submits the host name of the requested URL during the TLS handshake.

Answer: BE

NEW QUESTION 51

Which Apache HTTPD configuration directive specifies the RSA private key that was used in the generation of the SSL certificate for the server?

- A. SSLCertificateKeyFile
- B. SSLKeyFile
- C. SSLPrivateKeyFile
- D. SSLRSAKeyFile

Answer: A

NEW QUESTION 56

With Nginx, which of the following directives is used to proxy requests to a FastCGI application?

- A. fastcgi_pass
- B. fastcgi_proxy
- C. proxy_fastcgi
- D. proxy_fastcgi_pass
- E. fastcgi_forward

Answer: A

NEW QUESTION 59

For what purpose is TCP/IP stack fingerprinting used by nmap?

- A. It is used to determine the remote operating system.
- B. It is used to filter out responses from specific servers.
- C. It is used to identify duplicate responses from the same remote server.
- D. It is used to masquerade the responses of remote servers.
- E. It is used to uniquely identify servers on the network for forensic

Answer: A

NEW QUESTION 64

CORRECT TEXT

What option in the sshd configuration file instructs sshd to permit only specific user names to log in to a system? (Specify ONLY the option name without any values.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

sshd_config

NEW QUESTION 65

Which FTP names are recognized as anonymous users in vsftpd when the option anonymous_enable is set to yes in the configuration files? (Choose two.)

- A. anonymous

- B. ftp
- C. In the described configuration, any username which neither belongs to an existing user nor has another special meaning is treated as anonymous user.
- D. nobody
- E. guest

Answer: AB

NEW QUESTION 69

Which of the following commands can be used to connect and interact with remote TCP network services? (Choose two.)

- A. nettalk
- B. nc
- C. telnet
- D. cat
- E. netmap

Answer: BC

NEW QUESTION 71

To which destination will a route appear in the Linux routing table after activating IPv6 on a router's network interface, even when no global IPv6 addresses have been assigned to the interface?

- A. fe80::/10
- B. 0::/128
- C. 0::/0
- D. fe80::/64
- E. 2000::/3

Answer: A

NEW QUESTION 76

Which command is used to administer IPv6 netfilter rules?

- A. iptables
- B. iptablesv6
- C. iptables6
- D. ip6tables
- E. ipv6tables

Answer: D

NEW QUESTION 78

Which of the following OpenVPN configuration options makes OpenVPN forward network packets between VPN clients itself instead of passing the packets on to the Linux host which runs the OpenVPN server for further processing?

- A. inter-client-traffic
- B. client-to-client
- C. client-router
- D. client-pass
- E. grant-client-traffic

Answer: B

NEW QUESTION 79

Which of the following DNS record types is used for reverse DNS queries?

- A. CNAME
- B. IN
- C. PTR
- D. REV
- E. RIN

Answer: C

NEW QUESTION 80

A BIND server should be upgraded to use TSIG. Which configuration parameters should be added if the server should use the algorithm hmac-md5 and the key skrKc4DoTzi/takIIPi7JZA==?

A

```
TSIG server.example.com. {  
algorithm hmac-md5;  
secret "skrKc4DoTzi/takIlPi7JZA==";  
};
```

B

```
key.server.example.com. {  
algorithm hmac-md5;  
secret skrKc4DoTzi/takIlPi7JZA==;  
};
```

C

```
key.server.example.com. {  
algorithm hmac-md5;  
secret "skrKc4DoTzi/takIlPi7JZA==";  
};
```

D

```
key.server.example.com. {  
algorithm=hmac-md5;  
secret="skrKc4DoTzi/takIlPi7JZA==";  
};
```

E

```
key.server.example.com.  
algorithm hmac-md5  
secret "skrKc4DoTzi/takIlPi7JZA==";
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D
- E. Option E

Answer: C

NEW QUESTION 84

Which of the following statements allow the logical combinations of conditions in Sieve filters? (Choose two.)

- A. allof
- B. anyof
- C. noneof
- D. and
- E. or

Answer: AE

NEW QUESTION 87

Which configuration parameter on a Postfix server modifies only the sender address and not the recipient address?

- A. alias_maps
- B. alias_rewrite_maps
- C. sender_canonical_maps
- D. sender_rewrite_maps

Answer: C

NEW QUESTION 88

CORRECT TEXT

Which option in the Postfix configuration makes Postfix pass email to external destinations to another SMTP-server? (Specify ONLY the option name without any values.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

relay server

NEW QUESTION 93

Which of the following types of IPv6 address assignments does DHCPv6 support? (Choose three.)

- A. Assignments of normal IPv6 addresses that can be renewed.
- B. Assignments of temporary IPv6 addresses that cannot be renewed.
- C. Assignments of blacklisted IPv6 addresses that should no longer be used.
- D. Assignments of IPv6 prefixes that can be used for routing or further assignments.
- E. Assignments of anonymous IPv6 addresses whose assignment is not logged by the DHCPv6 server

Answer: ABD

NEW QUESTION 97

Which of the following statements is INCORRECT regarding the LDIF file format?

- A. It contains a dn line that indicates where the attributes listed in the following lines of the file must be added.
- B. In the file, a blank line separates one entry from another one.
- C. If an attribute contains binary data, some specific configurations must be made for this entry.
- D. The LDIF file accepts any type of file encoding

Answer: D

NEW QUESTION 101

Which of the following PAM modules sets and unsets environment variables?

- A. pam_set
- B. pam_shell
- C. pam-vars
- D. pam-env
- E. pam_export

Answer: D

NEW QUESTION 104

Which of the following lines is valid in a configuration file in /etc/pam.d/?

- A. authrequired pam_unix.sotry_first_pass nullok
- B. authtry_first_pass nullok, require pam_unix.so
- C. authrequired:pam_unix.so(try_first_pass nullok)
- D. authpam_unix.so(required try_first_pass nullok)

Answer: A

NEW QUESTION 109

Select the alternative that shows the correct way to disable a user login for all users except root.

- A. The use of the pam_block module along with the /etc/login configuration file.
- B. The use of the pam_deny module along with the /etc/deny configuration file.
- C. The use of the pam_pwd module along with the /etc/pwdb.conf configuration file.
- D. The use of the pam_nologin module along with the /etc/nologin configuration file

Answer: D

NEW QUESTION 110

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